U.S. PTO 11/878301 07/23/2007

07-31-2007

FORM PTO-1595

RECORDATION FORM COVE Patent and Trademark Office

103431375 PATENTS ONL p2005 Staas & Halsey LLP To the Director of the U.S. Patent and Trademark Office: Please record the attached document. 1. Name of conveying party(ies): 3) Koji BATO 2) Akira YAMAMOTO 1) Tomoyuki SAKATA 4) Kouji TANONAKA Name and Address of receiving party(ies): 2. **FUJITSU LIMITED** 1-1, Kamikodanaka 4-chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8588 Japan 3. Nature of conveyance: Merger Assignment Χ Change of Name Security Agreement Other: Execution Date(s): July 4, 2007, July 4, 2007, July 6, 2007, July 6, 2007, Application number(s) or patent number(s): 4. ☐ This document is being filed together with a new application. OR ☐ This document is being filed after filing of the application: Patent Application No(s)., filed; or (a) (b) Patent No(s)., issued. Name and address of party to whom correspondence concerning document should be mailed: 5. Our Docket: 1341.1519 STAAS & HALSEY LLP Attention: William F. Herbert 1201 New York Ave., N.W., Suite 700 Washington, D.C. 20005 Total number of applications and patents involved: __1 6. Total fee (37 CFR 3.41)...... (\$ 40.00 per Patent or Application in Assignment) 7. 冈 Enclosed Authorized to be charged to deposit account. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit 8. (Attach duplicate copy of this page if paying by deposit account) July 23, 2007 William F. Herbert, Reg. No. 31,024 Signature Date Name of Person Signing Total number of pages including cover sheet: 2 DO NOT USE THIS SPACE

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PATENT REEL: 019652 FRAME: 0232

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$ inventor(s) (hereinafter, "ASSIGNOR") by	1.00), and of other good and valuable	consideration paid to the undersigned
(Insert Name(s) & Address(es) of ASSIGNEE(S)) FUJTSU LIMITED		
1-1, Kamikodanaka 4-chome, Nakahara-ku,	Kawasaki-shi, Kanagawa 211-85	88 Japan
Chamilandan MACCYCATTETO About and administrative in boundary	and the state of t	
(hereinafter, "ASSIGNEE"), the receipt of which is hereby ASSIGNEE the entire and exclusive right, title and interes (Title of Invention)		NOK nereby sells, assigns and transfers to
WAVELENGTH-MULTIPLEXING OPT	ICAL TRANSMISSION SYSTE	M AND
WAVELENGTH-MULTIPLEXING OPTI	ICAL TRANSMISSION METHO	OD .
relating to International Patent Application PCT/JP/_ executed on even date herewith or, if not so executed, was	:	for Letters Palent of the United States was
(a) executed on July 4 and 6, 2007	; (Insert date of execution of application, if not concurrent)	
(b) filed on		
Serial No	Assigned 8 allorney 18 neres) data, when known.	authorized to insert in (b) the specified
and to said application and all Letters Patent(s) of the Unit substitute, reissue or reexamination application based there including any extensions thereof (collectively, hereinafter,	on, for the full term or terms for which the	said Letters Patent(s) may be granted and
The ASSIGNOR agree(s), when requested by said ASS which the ASSIGNEE may deem necessary, desirable or e including in the preparation and prosecution of said applic reexamination, or public use proceeding, and in any litigatiacts to include but not be limited to executing all papers, it sworn testimony, and obtaining and producing evidence.	expedient, for securing, maintaining and e ation(s) and the issuance of said Letters P on or other legal proceeding which may ar	nforcing protection for said invention, atent(s), in any interference, reissue, ise or be declared in relation to same, such
IN WITNESS WHEREOF, the undersigned inventor(s)	has (have) affixed his/her/their signature	(5) .
1) Tomoyuki Sakata (Signoture)	Tomoyuki SAKATA	July 4 2007
(Signature)	(I)pe Name)	July 4 2001
2) Akira Yamamoto	Akira YAMAMOTO	July 4. 2007
(Signature)	(Type Name)	(Date)
3) Koji Bato	Koji BATO	July 6, 2007
(Signature)	<i>(Type Name)</i> Kouji TANONAKA	(Date)
(Signature)	(Type Name)	(Date)
(Signature)	(Type Name)	(Date)

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PATENT REEL: 019652 FRAME: 0233